

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2011*

B-1241 (C3)

Table 4.A Estimated costs and returns per Acre
Alfalfa, Irrigated
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
hay - alfalfa	ton	135.00	2.0000	270.00	_____
hay - alfalfa	ton	135.00	2.0000	270.00	_____
hay - alfalfa	ton	135.00	2.5000	337.50	_____

TOTAL INCOME				877.50	_____
DIRECT EXPENSES					
custom					
herb. application	acre	4.50	2.0000	9.00	_____
insec. appl.	acre	4.50	3.0000	13.50	_____
fert. application	acre	4.50	1.0000	4.50	_____
custom baling - alf	ton	26.70	6.5000	173.55	_____
herbicide					
herb. - alf. valpar	pint	8.49	2.0000	16.98	_____
herb. - Butyrac	pint	4.38	2.0000	8.76	_____
insecticide					
insect. - alfalfa 1	acre	4.00	2.0000	8.00	_____
insect. - alfalfa 2	acre	7.40	1.0000	7.40	_____
fertilizer					
fertilizer (P)	lb.	0.58	50.0000	29.00	_____
fertilizer (N)	lb.	0.52	30.0000	15.60	_____
sulfur	lb.	0.30	12.0000	3.60	_____
OPERATOR LABOR					
Self-Propelled Eq.	hour	10.00	0.1340	1.34	_____
IRRIGATION LABOR					
irrigation	hour	10.00	0.9600	9.60	_____
ELECTRICITY					
irrigation	kWh	0.11	246.0000	28.29	_____
GASOLINE					
Self-Propelled Eq.	gal	2.70	2.0100	5.42	_____
REPAIR & MAINTENANCE					
Self-Propelled Eq.	Acre	0.21	1.0000	0.21	_____
irrigation	ac/in	2.33	15.0000	34.95	_____
INTEREST ON OP. CAP.	Acre	5.85	1.0000	5.85	_____

TOTAL DIRECT EXPENSES				375.57	_____
RETURNS ABOVE DIRECT EXPENSES				501.92	_____
FIXED EXPENSES					
Self-Propelled Eq.	Acre	0.44	1.0000	0.44	_____
irrigation	Acre	38.64	1.0000	38.64	_____

TOTAL FIXED EXPENSES				39.08	_____

TOTAL SPECIFIED EXPENSES				414.66	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				462.83	_____
ALLOCATED COST ITEMS					
cash rent - alf irr.	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				387.83	_____
perennial - alf irr	acre	91.47	1.0000	91.47	_____
RESIDUAL RETURNS				296.36	_____

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Table 4.B Estimated resource use and costs for field operations, per Acre
 Alfalfa, Irrigated
 2011 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
herb. - alf. valpar	pint		1.00		Mar							2.0000	8.49	16.98	16.98	
herb. application	acre											1.0000	4.50	4.50	4.50	
insect. - alfalfa 1	acre		1.00		Apr							1.0000	4.00	4.00	4.00	
insec. appl.	acre											1.0000	4.50	4.50	4.50	
fertilizer (P)	lb.		1.00		Apr							50.0000	0.58	29.00	29.00	
fertilizer (N)	lb.											30.0000	0.52	15.60	15.60	
sulfur	lb.											12.0000	0.30	3.60	3.60	
fert. application	acre											1.0000	4.50	4.50	4.50	
irrigation	ac/in		1.00		Apr			12.64	38.64	0.192	1.92	3.0000			53.20	
insect. - alfalfa 1	acre		1.00		May							1.0000	4.00	4.00	4.00	
insec. appl.	acre											1.0000	4.50	4.50	4.50	
herb. - Butyrac	pint											2.0000	4.38	8.76	8.76	
herb. application	acre											1.0000	4.50	4.50	4.50	
irrigation	ac/in		1.00		May			12.64		0.192	1.92	3.0000			14.56	
Pick-up Truck	3/4 ton		0.006	20.00	May			5.64	0.44	0.134	1.34				7.43	
irrigation	ac/in		1.00		Jun			12.64		0.192	1.92	3.0000			14.56	
custom baling - alf	ton		1.00		Jul							2.0000	26.70	53.40	53.40	
irrigation	ac/in		1.00		Jul			12.64		0.192	1.92	3.0000			14.56	
insect. - alfalfa 2	acre		1.00		Jul							1.0000	7.40	7.40	7.40	
insec. appl.	acre											1.0000	4.50	4.50	4.50	
custom baling - alf	ton		1.00		Aug							2.0000	26.70	53.40	53.40	
irrigation	ac/in		1.00		Aug			12.64		0.192	1.92	3.0000			14.56	
custom baling - alf	ton		1.00		Sep							2.5000	26.70	66.75	66.75	
TOTALS								0.00	0.00	68.88	39.08	1.094	10.94		289.89	408.80
INTEREST ON OPERATING CAPITAL																5.85
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																414.66

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